

Table H-2: 2001 CH₄ Emissions from Petroleum Transportation

Activity/Equipment	Emission Factor	Units	Activity Factor	Units	Emissions (Bcf/yr)
Vented Emissions					0.216
Tanks	0.021	scf CH ₄ /yr/bbl of crude delivered to refineries	5,522	MMbbl crude feed/yr	0.114
Truck Loading	0.520	scf CH ₄ /yr/bbl of crude transported by truck	45.3	MMbbl crude feed/yr	0.024
Marine Loading	2.544	scf CH ₄ /1000 gal. crude marine loadings	23,713,616	1,000 gal./yr loaded	0.060
Rail Loading	0.520	scf CH ₄ /yr/bbl of crude transported by rail	7.4	MMbbl. Crude by rail/yr	0.004
Pump Station Maintenance	36.80	scf CH ₄ /station/yr	490	No. of pump stations	0.000
Pipeline Pigging	39	scfd of CH ₄ /pig station	980	No. of pig stations	0.014
Fugitive Emissions					0.050
Pump Stations	25	scfCH ₄ /mile/yr.	48,990	No. of miles of crude p/l	0.001
Pipelines	0	scf CH ₄ /bbl crude transported by pipeline	7,551	MM bbl crude piped	0.000
Floating Roof Tanks	58,965	scf CH ₄ /floating roof tank/yr.	824	No. of floating roof tanks	0.049
Combustion Emissions					0.000
Pump Engine Drivers	0.24	scf CH ₄ /hp-hr	NA	No. of hp-hrs	NA
Heaters	0.521	scf CH ₄ /bbl.burned	NA	No. of bbl. Burned	NA
Total					0.283